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Lei

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(54) **OVEREXPRESSION OF PHYTASE GENES IN YEAST SYSTEMS**(71) Applicant: **Cornell Research Foundation, Inc.**, Ithaca, NY (US)(72) Inventor: **Xingen Lei**, Ithaca, NY (US)(73) Assignee: **Cornell Research Foundation, Inc.**, Ithaca, NY (US)

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(58) **Field of Classification Search**

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See application file for complete search history.	

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(57) **ABSTRACT**

The present invention relates to a method of producing a heterologous protein or polypeptide having phytase activity in a yeast system. The invention also provides proteins having phytase activity which have increased thermostability. Yeast strains which produce a heterologous phytase and the vectors used to produce the phytase are also provided.